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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/072,826      | 02/05/2002  | Densen Cao           | 5061.10 P           | 1012             |

7590 03/16/2005  
Parsons, Behle & Latimer  
Suite 1800  
201 South Main Street  
P.O. Box 45898  
Salt Lake City, UT 84145-0898

EXAMINER

LEWIS, RALPH A

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

3732

DATE MAILED: 03/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

|                        |                               |   |  |
|------------------------|-------------------------------|---|--|
| <b>Advisory Action</b> | Application No.<br>10/072,826 | Applicant(s)<br>CAO, DENSEN <span style="float: right;">ed</span> |  |
|                        | Examiner<br>Ralph A. Lewis    | Art Unit<br>3732  |  |

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 07 March 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY** [check either a) or b)]

- a) ☒ The period for reply expires 4 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☒ The proposed amendment(s) will not be entered because:
- (a) ☒ they raise new issues that would require further consideration and/or search (see NOTE below);
  - (b) ☐ they raise the issue of new matter (see Note below);
  - (c) ☒ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See attachment.

3. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: \_\_\_\_\_.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☒ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: 1-7.

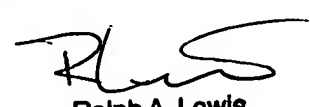
Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: 8-23.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

8. ☐ The drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_.
10. ☒ Other: \_\_\_\_\_

*Pro 892 - Notice References Cited is attached*

  
Ralph A. Lewis  
Primary Examiner  
Art 3732

**Advisory Attachment**


The "well" limitation added to claims 8, 12 and 18 presents new issues and will not be entered as presently submitted.

The examiner is of the position that the "well" limitation even if added to claims 8 and 12 fails to make those claims allowable. Claims 8 and 12 main relatively broad calling for a "curing light" which simply comprises a heat sink, a light emitting semiconductor and a light reflective device. Osumi et al (US 6,578,989) cited herein discloses a light having an anode 12 which acts as a heat sink inherently drawing heat away from semiconductor chip 11. The anode/heat sink 12 includes a well in which the semi conductor chip 11 is mounted. A reflector 15 is installed at the heat sink location.

A further amendment canceling claims 8-17 and making the current changes to claim 18 would appear to place the application in condition for allowance.

Any inquiry concerning this communication should be directed to **Ralph Lewis** at telephone number **(571) 272-4712**. Fax (703) 872-9306. The examiner works a compressed work schedule and is unavailable every other Friday. The examiner's supervisor, Kevin Shaver, can be reached at (571) 272-4720.

R.Lewis  
March 11, 2005

  
**Ralph A. Lewis**  
**Primary Examiner**  
*AU3732*